

CALIFORNIA POLYTECHNIC STATE UNIVERSITY PUBLIC LECTURE



Dr. Lawrence Krauss

Ambrose Swasey Professor of Physics
Case Western Reserve University

Monday, March 15, 2004

7:30 pm

Cal Poly Theater

The Origin of Everything: Life, Neutrinos, and Star Trek

Beginning with a Bang...

internationally known physicist and author, Dr. Lawrence Krauss will guide you on a warp speed journey that moves from the Star Trek universe to the universe in which we live.

The journey will include a visit to the earliest moments of the Big Bang as well as a tour of gargantuan underground experiments designed to probe particles called neutrinos, which can travel right through the earth, and are produced in our own Sun, as well as in nuclear reactors here on Earth. These ghostlike particles, long a favorite of Star Trek writers, may hold the key to our own cosmic origins...



- Dr. Lawrence M. Krauss is Ambrose Swasey Professor of Physics, Professor of Astronomy, Chair, Department of Physics, and Director, Center for Education and Research in Cosmology and Astrophysics, Case Western Reserve University. He is an internationally known theoretical physicist with wide research interests, including the early universe, the nature of dark matter, general relativity and neutrino astrophysics. He received his Ph.D. in Physics from the MIT in 1982 then joined the Harvard Society of Fellows. In 1985 he joined the faculty of Physics at Yale University, then moved to take his current appointment in 1993.

- Dr. Krauss is the author of over 180 scientific publications, as well as numerous popular articles on physics and astronomy. In addition, he is the author of six popular books, including the national bestseller, *The Physics of Star Trek*, and his most recent book *Atom: An Odyssey from the Big Bang to Life on Earth...and Beyond*. He has lectured to popular audiences at such places as the Smithsonian Air and Space Museum, the National Museum of Natural History, and the Museum of Natural History in New York, as well as serving on the boards of three different science and natural history museums, and appears frequently on radio and television around the world.